

Ecolab Center
St. Paul, Minnesota 55102

24156

MATERIAL SAFETY DATA SHEET: USA Page 1 of 2
MEDICAL EMERGENCIES ONLY (24 Hour Service): 1-800-328-0026
Medical Calls from Outside of the USA: 1-651-222-5352Ecolab Inc. Institutional Division
Ecolab Center St. Paul MN 55102
Product Information: 1-800-352-5326

Issue Date: April 30, 2004

=====

1.0 IDENTIFICATION /

- 1.1 Product Name: OASIS PRO 42 GLASS FORCE PROFESSIONAL STRENGTH GLASS CLEANER
1.2 Product Type: Liquid Solvenated Glass Cleaner
1.3 Hazard Rating: Health: 1 Fire: 2 Reactivity: 0

Substances Subject to SARA 313 Reporting Are Indicated by "#"

2.0 HAZARDOUS COMPONENTS /

	CAS No.	%	(in mg/m3)	
			PEL	TWA
2.1 Ethanolamine (MEA)	141-43-5	1-5	6	7.5*
			*ACGIH STEL = 15	
2.2 Propylene glycol n-propyl ether	1569-01-3	20-50	No	No
2.3 Anionic surfactant	68585-47-7	1-5	No	No

STEL = ACGIH short term exp. limit (15 min) PEL = OSHA 8 hr ave in air
TWA = ACGIH 8 hr average C = ceiling limit in air, do not exceed

3.0 PHYSICAL DATA /

- 3.1 Appearance: Blue liquid; herbal fragrance
3.2 Solubility in Water: Mixes with water in all proportions
3.3 pH: 10.4 - 11.0 (at 100%)
3.4 Initial Boiling Point: < 212 deg F / 100 deg C
3.5 Specific Gravity: 0.996 @ 68 deg F / 20 deg C

4.0 FIRE AND EXPLOSION DATA /

- 4.1 Special Fire Hazards: Combustible liquid; vapors released at or above the flash point may travel to ignition source and flash back.
4.2 Fire Fighting Methods: Use water fog, foam, fine water spray, dry chemical or CO2.
4.3 Flash Point: 143 deg F / 62 deg C (Closed Cup)

5.0 REACTIVITY DATA /

- 5.1 Stability: Stable under normal conditions of use and handling.
5.2 Conditions to Avoid: Do not mix with other chemicals. Use standard hygiene practices to maintain product integrity. Avoid high temperatures and ignition sources.

6.0 SPILL OR LEAK PROCEDURES / WEAR PROPER PROTECTIVE EQUIPMENT

- 6.1 Cleanup: Remove ignition sources. Recover free liquid and add inert absorbent to spill area. Use non-sparking tools.
6.2 Waste Disposal: Consult state/local authority for limits on chemical waste disposal.

Ecolab Center
St. Paul, Minnesota 55102

910578

Page 2 of 2

Product: OASIS PRO 42 GLASS FORCE PROFESSIONAL STRENGTH GLASS CLEANER

Ecolab Inc. Institutional Division

MEDICAL EMERGENCY ONLY, 24 HOUR SERVICE: 1-800-328-0026

7.0 HEALTH HAZARD DATA /

CAUTION

7.1 Effects of Overexposure to Concentrate:

Eyes: Causes minor to moderate irritation.

Skin: Causes irritation, defatting of skin and dryness.

If Swallowed: Harmful or fatal. Pulmonary aspiration hazard if swallowed and vomiting occurs. May cause liver damage.

If Inhaled: Concentrated vapors may cause respiratory tract irritation, nausea, dizziness, loss of coordination, or headaches.

8.0 FIRST AID /

8.1 Eyes: Flush with cool running water. Remove contact lenses and continue flushing for 15 minutes.

8.2 Skin: Flush skin with water; wash with soap and water. Remove and wash contaminated clothing before reuse.

8.3 If Swallowed: Rinse mouth; then drink 1 or 2 large glasses of water. DO NOT induce vomiting. In case of nausea or spontaneous vomiting, keep head below hips. NEVER give anything by mouth to an unconscious person.

8.4 If Inhaled: If affected, move to fresh air.

IF IN EYES OR IF SWALLOWED, CALL THE MEDICAL EMERGENCY NUMBER IMMEDIATELY
(1-800-328-0026); IN CASE OF PERSISTENT SKIN IRRITATION OR
BREATHING DIFFICULTY, SEEK MEDICAL ATTENTION

9.0 PROTECTIVE MEASURES /

9.1 FOR CONCENTRATE:

No protective equipment is necessary under normal use conditions.

Eyes: If splashing may occur, eye protection recommended.

Skin: Wear impervious gloves for prolonged or repeated exposure.

10.0 ADDITIONAL INFORMATION /

10.1 Purpose of 4/30/2004 issue: First issue.

KEEP OUT OF REACH OF CHILDREN

214752